

MESROBEANU, L.

Antigenic properties of organic and inorganic substances with
small molecules and the transporting of globulins in the body.
Rev. igiena microb. epidem., Bucur. Vol. 4:3-12 Oct-Dec 55.

(ANTIGENS AND ANTIBODIES

antigenic properties of substances of low molecular
weight & transporting funct. of globulins in body.

(SERUM GLOBULIN, physiol.

transporting funct. in body.

ARDELEAN, I.; CALALB, Gh.; IENISTEA, C.; MESROBEANU, L.; GRIGORIU, T.;
STANICA, E.; DUMITRESCU, V.; NITRICA, N.; FOTINO, M.

Anti-diphtheria vaccination in the Rumanian People's Republic;
study of the immunizing value of diphtheria anatoxin of Ramon as
compared with precipitated anatoxin. Stud. cercet. inframicrobiol.,
Bucur. 6 no.3-4:477-512 July-Dec. 1955.

(DIPHTHERIA, prev. & control
vacc., comparative value of Ramon's anatoxin & precipitated
anatoxin)

(VACCINES AND VACCINATION
diphtheria vaccines, comparative value of Ramon's anatoxin
& precipitated anatoxin)

MESROBIANU, Lydia; BALDOVIN, C.; MITRICA, N.; SARAGA, A.; GRITANCO, V.

Studies on the purification and concentration of Dick toxin. Stud. cercet. inframicrobiol., Bucur. 6 no.3-4:523-532 July-Dec. 1955.

(SCARLET FEVER

vaccine, purification & concentration of Dick toxin)

(VACCINES AND VACCINATION

scarlet fever vaccine, purification & concentration of Dick toxin)

ILIESCU, Mircea; MITRICA, Natalia; MESROBEANU, Lydia

Experimental studies of two types of T.A.B. vaccine prepared with
microbial extracts adsorbed by mineral. Stud. cercet. inframicrobiol..
Bucur. 7 no.1-2:159-175 Jan-June 56.

(VACCINES AND VACCINATION

T.A.B. vaccine, prep. & exper. results of two types.)

(TYPHOID FEVER, immunol.

T.A.B. vaccine prep. & exper. results)

(PARATYPHOID FEVERS, immunol.

(SAME)

Country : RUMANIA
 Category : Microbiology-Antibiosis and Synergiosis. Antibiotics
 Abs. Jour : Sci Zbur - Biol., No.19, 1958, 2032
 Author : Mesrobianu, S. Nitrica, S. Mesrobianu, I.
 Institut. :
 Title : Studies of Respiration of Variants of Microbes sensitive to and resistant to the Action of Antibiotics.
 Orig. Pub. : Studii si Cercetari In Farmacobiol., Microbiol., si Parazitol. Acad. PR, 1956, Vol.7, No.3-4, 477-484
 Abstract : Using the Garburg anaerobic method, studies were made of the respiration of sensitive and resistant (to penicillin) staphylococci, as well as of some enteric bacilli. It was established that, with respect to intensity of respiration, the staphylococci sensitive to penicillin are arranged in the following order: S. cyrinus, S. albus, S. aureus. In variants of staphylococcus aureus resistant to penicillin, respiration is more intense than in the original culture. Variants of the enteric bacilli

Card: 1/2

ESROBEANU, LYDIA

MESROBEANU, Ion; MESROBEANU, Lydia; MITRICA, Natalia

Mechanism of action of body fluids with bactericidal properties on respiration of various bacteria sensitive and resistant to antibiotics. Stud. cercet. inframicrobiol., Bucur. 7 no.3-4: 485-501 July-Dec 56.

1. Comunicare prezentata de academician C. Ionescu-Mihalesti. in sedinta Sectiei de stiinte medicale a Academiei R.P.R.

(ANTIBIOTICS, effects

on *E. coli* & *Micrococcus pyogenes*, resp. of resist. & sensitive strains, eff. of lysozyme & acid extracts of leukocytes)

(MICROCOCCUS PYOGENES, metabolism

resp. of antibiotic-resist. & antibiotic-sensitive strains, eff. of lysozyme & acid extracts of leukocytes)

(ESCHERICHIA COLI, metabolism

(SAME)

(LYSOZYME, effects

on resp. of antibiotic-resist. & antibiotic-sensitive strains of *E. coli* & *Micrococcus pyogenes*)

(LEUKOCYTES

acid extracts, eff. on resp. of antibiotic-resist. & antibiotic-sensitive strains of *E. coli* & *Micrococcus pyogenes*)

Mesrobian &

IIESCU, M.; MITRICA, Natalia; HESHOBEANU, Lydia

Experimental investigations on two types of TAB vaccine prepared from microbial extracts adsorbed on a mineral support. Rumanian M. Rev. 1 no.2:24-25 Apr-June 57.

(VACCINES AND VACCINATIONS

TAB vaccine, prep. from microbial extracts adsorbed on a mineral support)

(TYPHOID FEVER, immunol.

same)

(PARATYPHOID FEVERS, immunol.

same)

RUMANIA / Microbiology. General Microbiology. Effect F-1
of External Factors.

Abs Jour: Ref Zhur-Biol., No 16, 1958, 71986.

Author : Papazian, Ecaterina., Badonschi, Aurora., Mes-
robeanu, Lydia.

Inst : Not given.

Title : Thermophilic Bacteria. Investigation of the
Changeability of Biochemical Characteristics
Depending on the Cultivation Temperature.

Orig Pub: Studii cercetari inframicrobiol., microbiol. si
parazitol., 1957, 8, No 1, 95-113.

Abstract: The influence was studied of the cultivation tem-
perature on the chemical composition of cells and
the activity of some ferments (dehydrogenase, cat-
alase, amylase, proteolytic ferments) of 14 gram-
positive cultures of thermophilic bacteria. It

Card 1/2

MESROBEANU, Lidia; ZILISTEANU, C.; MITRICA, Natalia

Immunochemical studies on antihuman sera. Rumanian M. Rev.
3 no.3:37-40 J1-S '59.

(IMMUNE SERUMS, chemistry)
(ELECTROPHORESIS)
(LIPIDS, chemistry)

MESROBEANU, L.; PAUNESCU, E.

Research on the resistance of staphylococcus to penicillin. Analele
biol 14 no.2:57-68 Ap-Je '60. (EAI 9:11)
(STAPHYLOCOCCUS) (PENICILLIN)

~~GEORGESCU, M., -Reviewer- STAVRI, D., and TEDDORESCU G.- Authors.-~~
~~MESROBEANU, P., MARX, A.~~

14

Country: Rumania

Academic Degrees: -not given-

Affiliation: -not given-

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI,
No 4, Jul-Aug 1961, pp 375-376.

Data: "Culture Media in Medical Bacteriology," -a review of the authors'
Mediile de cultura in bacteriologia medicala (Bucharest, 1960).

SPS 901643

117

IBRAHIM, T. -Reviewer-
MEDROBEANU, Lydia and E. PAUNESCU -Authors-
SOURCE (in caps); Given Names

Country: Rumania

Academic Degrees: -not given-

Affiliation: -not given-

Source: Bucharest, Microbiologie, Parasitologie, Epidemiologie, Vol VI
No 5, Sep-Oct 1961, pp 407-408.

Data: "Bacterial Physiology," -a review of a book by the same name
published in Bucharest by the RPR Academy (1960, 648 p.)

MESROBEANU, Lydia; MESROBEANU, I.; MITRICA, Natalia

The thermolabile (neurotoxins) of gram-negative bacteria. I. The "S" and "R" neurotoxins of *Bacillus typhimurium*. Arch. Roum. path. exp. microbiol. 20 no.3:399-423 S '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" Section de Physiologie Microbienne et de la Chaire de Microbiologie de la Faculte de Medecine Bucarest.

(*SALMONELLA TYPHIMURIUM*) (TOXINS AND ANTITOXINS)

MESROBEANU, I.; MESROBEANU, Lydia; GEORGESCO, M.; DRAGHICI, Dornica;
ALAMITA, Elena; IEREMIA, T.

Action of microbial toxins on tissue cultures. III. Cytotoxic
action of thermolabile endotoxins (neurotoxins) of gram-negative
bacteria. Arch. roum. path. exp. microbiol. 21 no.1:19-30 Mr '62.

1. Travail de la Chaire de Microbiologie I de l'Institut Medico-
Pharmaceutique Bucarest et de l'Institut "Dr. I. Cantacuzino" --
Service de Physiologie microbienne.
(TISSUE CULTURE) (ENDOTOXINS) (SALMONELLA) (SHIGELLA)

MESROBEANU, Lydia; MESROBEANU, I.; MITRICA, Natalia

The thermolabile endotoxins (neurotoxins) of gram-negative bacteria.
II. The neurotoxins of dysenteric bacilli. Arch. roum. path. exp.
microbiol. 21 no.1:31-46 Mr '62.

1. Travail de l'Institut "Dr. I. Cantacuzino" — Service de Physiologie
Microbienne et de la Chaire de Microbiologie de la Faculte de Medecine
de Bucarest.

(ENDOTOXINS) (SHIGELLA)

(SALMONELLA TYPHIMURIUM)

BONA, C.; MESROBEANU, Lydia.

Certain aspects concerning the cytochemistry of phagocytosis.
Arch. roum. path. exp. microbiol. 22 no.4:1031-1038 S-D'63

1. Travail de l'Institut "Dr. I. Cantacuzino"; Laboratoires
d'Histochimie et de Physiologie Microbienne.

MESROBEANU, Lydia; MESROBEANU, I.; MITRICA, Natalia; CROITORESCO, Irina;
MARX, A.

The present stage of research on the neurotoxins of gram-negative bacteria. Arch. roum. path. exp. microbiol. 23 no.3:775-782
S'63

1. Travail de l'Institut "Dr. I. Cantacuzino", Bucarest, et de la Chaire de Microbiologie de l'Institut Medico-Pharmaceutique, Bucarest.

VASIL'YEV, G.Ya.; SHVARTS, A.G.; SEROV, I.A.; MESROPOV, Yu.D.; Prinsipali
uchastiye: BARANOV, S.B.; BISEROVA, A.A.; GINZBURG, L.V.;
GGROKHOV, N.D.; KARAPETYAN, D.A.; KEPERSHA, L.M.; MAMEDOVA, M.M.

Manufacture of diaphragms at the Baku tire factory. Kauch.i rez.
21 no.l:45-47 Ja '62. (MIRA 15:1)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti
i Bakinskiy shinny zavod.
(Baku—Tires, Rubber)

MESROPOVA, L. G., Cand Med Sci -- (diss) "Clinical aspect of hypotonia
in pregnant women." Tashkent, 1960. 19 pp; (Ministry of Public Health
Uzbek SSR, Tashkent State Medical Inst); 400 copies; price not given;
(KL, 17-60, 171)

MESROPYAN, A.D.

Preventing track obstruction by falling rocks. Put' i put.khoz.
no.12:16-18 D '59. (MIRA 13:4)

1. Glavnyy geolog, zamestitel' nachal'nika Geobazy, g.Tbilisi.
(Railroads--Safety measures) (Landslides)

MESROPYAN, A.I.

Geological structure of the Armenian S.S.R. and its oil potential.
(MIRA 11:6)

Trudy VNIGRI no.111:280-292 '57.

(Armenia—Petroleum geology)

SARKISYAN, Sergey Galustovich; MESROPYAN, A.I., otv. red.;
KHACHATURYAN, E.A., red. izd-va; KAPLANYAN, M.A., tekhn.
red.

[Petrographic and mineralogic studies of the Lake Sevan
basin] Petrografo-mineralogicheskie issledovaniia basseina
ozera Sevan. Erevan, Izd-vo Akad. nauk Armianskoi SSR,
1962. 152 p. (MIRA 15:11)
(Sevan, Lake--Petrology)

MKRITCHYAN, S.S., akademik, glav. red.; VARDANYANTS, L.A., red.;
GABRIYELYAN, A.A., red.; MAGAK'YAN, I.G., akademik, red.;
PAFFENGOL'TS, K.N., akademik, red.; AZARYAN, N.S., kand.
geol.-miner. nauk, red.; AKOPYAN, V.T., kand. geol.-miner.
nauk, red.; RAKELYAN, R.A., kand. geol.-miner. nauk, red.;
MESKOPYAN, A.I., kand. geol.-min. nauk, red. [deceased] ..

[Geology of the Armenian S.S.R.] Geologia Armianskoi SSR.
Izd-vo AN Arm.SSR. Vol. 2. [Stratigraphy] Stratigrafiia.
1964. 432 p. (MIRA 17:7)

1. Akademiya nauk Armyanskoy SSR, Erivan. Institut geologi-
cheskikh nauk. 2. AN Armyanskoy SSR (for Mkrtchyan, Magak'yan,
Paffengol'ts). 3. Chlen-korrespondent AN Armyanskoy SSR (for
Vardanyants, Gabriyelyan).

MESROPYAN, E.G.

VARTANYAN, S.A.; KHAMAGORTSYAN, V.N.; MESROPYAN, E.G.

The chemistry of vinylacetylene. Report No.3: Aminomethylation
of methyl- β -alkoxyethylketones. Izv. AN Arm. SSR. Ser. khim.
nauk 10 no.1:65-70 '57. (MIRA 10:9)

1. Khimicheskiy institut Akademii nauk Armyanskoy SSR.
(Pentanone) (Methylation)

MESROPYAN, H.G.; DANGYAN, M.T.

Preparation of *L*-butyl- β -acetylpropionic acid [in Armenian
with summary in Russian]. Nauch. trudy Erev. un. 60:33-39 '57.
(MIRA 11:8)

1. Kafedra organicheskoy khimii Yerevanskego gosudarstvennogo
universiteta. (Levulinic acid)

DANGYAN, M. T.; MESROPIAN, E. G.

Synthesis of α -alkyl- β -acetylpropionic acids via hydrolysis with sulfuric acid. Izv. AN Arm. SSR Khim. nauki 13 no.2/3:173-176 '60. (MIRA 13:10)

1. Yerevanskiy gosudarstvennyy universitet, Kafedra organicheskoy khimii. (Propionic acid) (Malonic acid)

DANGYAN, M.T.; MESROPYAN, E.G.

Synthesis of some new barbiturates and thiobarbiturates.
Izv. AN Arm.SSR. Khim.nauki 14 no.5:487-489 '61. (MIRA 15:1)

1. Yerevanskiy gosudarstvennyy universitet, kafedra organicheskoy
khimii.

(Barbituric acid)

DANGYAN, M.T.; MESROPYAN, E.G.

Preparation of 4-alkoxybenzyl- β -chloroallylacetic acids. Izv. AN
Arm. SSR. Khim. nauki 15 no. 1: 73-76 '62. (MIRA 15:7)

1. Yerevanskiy gosudarstvennyy universitet, Kafedra organicheskoy
khimii. (Acetic acid)

MESROPYAN, E.G.; DANGYAN, M.T.; KALTAKHCHYAN, E.G.

Oxidation of alkoxyethyl- γ -chloroallylacetic acids by
hydrogen peroxide in an acetic acid medium. Izv AN Arm.
SSR. Khim. nauki 16 no.1:47-50 '63 (MIRA 17:8)

Synthesis of some new barbituric and thiobarbituric acids.
Ibid.:69-72

1. Yerevanskiy gosudarstvennyy universitet, kafedra organiches-
skoy khimii.

ALCHUDZHAN, A.A.; GYUL'ZADYAN, A.A.; MESROPYAN, K.G.; ASH'KYAN, M.A.

Chemical treatment of tailings of Svarantsk iron-olivinite ores
obtained by the concentration by magnetic separation. Part 2:
Solubility of tailings in sulfuric and nitric acids. Izv. AN
Arm.SSR. Khim.nauki 18 no.1:96-103 '65.

1. Yerevanskiy politekhnicheskiy institut imeni Karla Marksa,
kafedra obshchey khimii. (MIRA 18:5)

ALCHUDZHAN, A.A.; GYUL'ZADYAN, A.A.; MESROPYAN, K.G.; ASHIKYAN, M.A.

Chemical treatment of the tailings of Svava iron-olivinite ore obtained by magnetic separation dressing. Part 2: Treatment of hydrochloric solutions of ammonium magnesium tailings by the carbonate method. Izv. AN Arm. SSR. Khim. nauki 18 no.3: 313-324 '65. (MIRA 18:11)

1. Yerevanskiy politekhnicheskiy institut imeni Karla Marksa, kafedra obshchey i analiticheskoy khimii. Submitted May 9, 1964.

VARTANYAN, S.A.; TOSUNYAN, A.O.; MESROBYAN, L.G.

Chemistry of vinylacetylene. Report No. 22: Addition of α,β -dichloroethyl ether to 2-chloro-1,3-butadiene, and conversions of the trichlorides thus produced. Izv. AN Arm. SSR Khim. nauki 13 no.2/3:147-154. '60. (MIRA 13:10)

1. Institut organicheskoy khimii AN ArmSSR.
(Ether) (Butadiene)

VARTANYAN, S.A.; TOSUNYAN, A.O.; MESROPYAN, L.G.

Chemistry of allyl chlorides. Part 6: Addition of
 α -chloromethyl- and α -chloroethyl acetates to isoprene,
chloroprene, and bdivinyl. Zhur.ob.khim. 32 no.11:3707-3711
N '62. (MIRA 15:11)

(Acetic acid)

(Butadiene)

VARTANYAN, S.A.; MESROPYAN, L.G.; TOSUNYAN, A.O.

Chemistry of vinylacetylene. Report No.39: Order of addition
of chloromethyl ethers to vinylisopropenylacetylene and
some transformations of obtained chloride. Izv. AN Arm SSR
Khim. nauki 16 no.2:137-144 '63 (MIRA 17:8)

1. Institut organicheskoy khimii AN Arm SSR.

VARTANYAN, S. A.; TOSUNYAN, A. O.; MESROPYAN, L. G.

Chemistry of vinylacetylene. Part 37: Addition reactions of α -chloromethyl ethers to 5-chloro-5-methyl-1-hexen-3-yne and some transformations of the products obtained. Zhur. ob. khim. 33 no.1:62-67 '63. (MIRA 16:1)

1. Institut organicheskoy khimii AN Arayanskoy SSR.
(Hexenyne) (Ethers)

L 56016-65

EWT(m)/EPF(c)/EWP(j)/EWA(c)

Pc-4/Pr-4 RM

UR/0171/65/018/001/0032/0038

25
23
B

ACCESSION NR: AP5010262

AUTHOR: Vartanyan, S. A.; Tosunyan, A. O.; Mesropyan, L. G.; Melkonyan, S. A.

TITLE: Chemistry of vinylacetylene. LVI. Addition of chloromethyl ethers to methylethylvinylethynylchloromethane and 1-vinylethynyl-1-chlorocyclohexane and some conversions of the obtained chlorides

SOURCE: AN ArmSSR. Izvestiya. Khimicheskiye nauki, v. 18, no. 1, 1965, 32-38

TOPIC TAGS: organic chemistry, ether, unsaturated hydrocarbon, liquid hydrocarbon, methylation

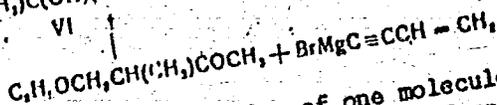
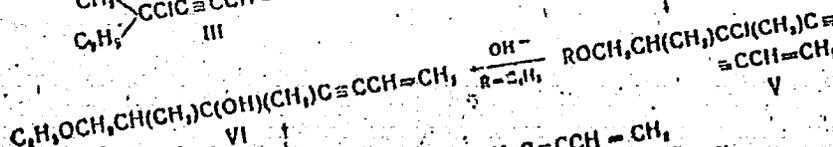
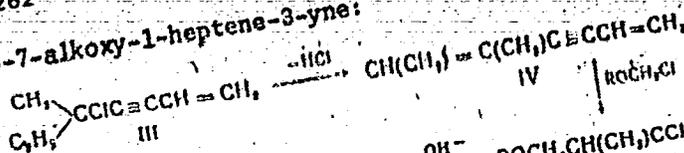
ABSTRACT: This is a part of the continuous investigation of addition reactions of chloromethyl ethers [Zh OKh 33, 62 (1963)]. The purpose of this investigation was to determine the order and position of the addition of chloromethyl ethers to methylethylvinylethynylchloromethane and 1-vinylethynyl-1-chlorocyclohexane. During the addition of chloromethyl ether to methylethylvinylethynylchloromethane (III) in the beginning of the reaction splitting of HCl takes place with formation of 5-methyl-1,5-heptadiene-3-yne (IV), followed by the addition of chloromethyl ether to dienyne (IV) in the 5,6 position along the substituted vinyl group, thus producing

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ACCESSION NR: AP5010262

5,1-dimethyl-5-chloro-7-alkoxy-1-heptene-3-yne:



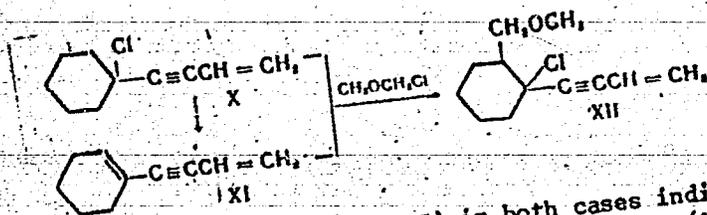
Chloride (V) was also obtained by the addition of one molecule of chloromethyl ether to dienyne (IV). Its structure was determined by IR spectroscopy. The second molecule of chloromethyl ether is always added in the 1,4 position along the vinyl radical, forming the unstable dichloride (VII). An investigation was also made of the addition of chloromethyl ether to 1-vinylethynyl-1-chlorocyclohexane (X) and vinyl-Δ¹-cyclohexonylacetylene (XI) as follows

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ACCESSION NR: AP5010262



The formation of the same monochloride (XII) in both cases indicates that in both cases HCl is split off from monochloride (X) forming diene (XI). The structure of (XII) was determined by hydrolysis with 10% aqueous NaOH to the corresponding carbinol. The latter, like other carbinols, undergoes isomerization under the action of mercuric sulfate in anhydrous methanol forming β -methoxyketone.⁷ This indicates that the hydroxyl group in carbinol is in the α -position to the acetylene band, which proves the order of the addition of chloromethyl ether to diene (XI).

ASSOCIATION: Institut organicheskoj khimii AN ArmSSR (Institute of Organic Chemistry AN ArmSSR)

Card 3/4

L 56016-65

ACCESSION NR: AP5010262

SUBMITTED: 23Mar64

NO REF SOV: 005

ENCL: 00

OTHER: 001

SUB CODE: 00

0

Card *cc* 4/4

OVSEPYAN, Ye.N.; TARAYAN, V.M.; SHAPOSHNIKOVA, G.N.; VARTANYAN, S.A.;
TOSUNYAN, A.O.; MESROPYAN, L.G.; KUROYAN, R.A.

Letters to the editors. Izv. AN Arm.SSR. Khim. nauki iR
no.2:225-228 '65. (MIRA 18:11)

1. Yerevanskiy gosudarstvennyy universitet, kafedra analiticheskoy khimii (for Ovsepyan, Tarayan, Shaposhnikova).
2. Institut organicheskoy khimii AN ArmSSR (for Vartanyan, Tosunyan, Mesropyan, Kuroyan).

MESROPYAN, M.

Underground waters of the Erivan Hollow. Prom. Arm. 6 no. 6:
3-9 Ja '63. (MIRA 16:8)

1. Upravleniye geologii i okhrany neдр pri Sovete Ministrov
Armenyanskoй SSR.
(Erivan region--Water, Underground)

SAFARYAN, Misak Kapatetovich, kand. tekhn. nauk; ISHCENKO, Yuriy
Konstantinovich, inzh.; MESROPYAN, Nikolay Kushagoyich, inzh.;
RAZUMOVSKAYA, T.Ya., red.; DEMIDOV, Ya.F., tekhn. red.

[Study of the behavior of rectangular reinforced concrete tanks
under the effect of temperature change; general conclusions
from experience in design, construction, and operation] Issledo-
vanie raboty priarougol'nykh zhelezobetonnykh rezervuarov pri
temperaturnykh vozdeistviakh; obobshchenie opyta proektirova-
niia, stroitel'stva i ekspluatatsii. Moskva, VNIIST Glavgaza
SSSR, redaktsionno-izdatel'skii otdel, 1961. 166 p.

(MLA 15:9)

(Tanks) (Concrete construction)

MESROPYAN, N.M.

Smelting of sulfur flotation concentrates in autoclaves by
superheated steam. Khim.prom. no.3:216 Mr '61. (MIRA 14:3)
(Sulfur)

ARUTYUNYAN, B.Sh.; BORISOV, V.M.; ZHEPLINSKIY, B.M.; MESROPYAN, N.N.;
MESHCHERYAKOV, N.F.; UL'YANOV, N.S.

Apparatus for the destruction of flotation froth. Khim. prom.
no.2:146-147 F '63. (MIRA 16:7)

(Flotation)

MESROP'YAN, R. (Tashkent)

Solution of model equations on a slide rule. Nauka i zhizn' 30
no.6:109 Je '63. (MIRA 16:7)

(Slide rule)

GAZARYAN, V.S., prof.; SOGOYAN, I.S., nauchnyy sotrudnik; AGABALOV, G.A.,
nauchnyy sotrudnik; MESROPYAN, V.V., veterinarnyy vrach

Copper poisoning of sheep. Veterinariia 42 no.9:58-59
S '65. (MIRA 18:11)

1. Kolkhoz "Aygezard" Armyanskoy SSR (for Mesropyan).

USSR / Pharmacology, Toxicology, Cardiovascular Drugs. V

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 94304

Author : Mesropyan, Ye. I.

Inst : The Yerevan Medical Institute.

Title : Experiment on the Application of Furacillin
in Certain Eye Ailments.

Orig Pub : Tr. Yerevansk. med. in-ta, 1956, vyp. 7, 243-246

Abstract : 100 patients with different ailments of the con-
junctiva, edge of the eyelids and cornea were
treated with furacillin (I; in the form of oint-
ment or solution 1:5000). Good therapeutic ef-
fects were obtained. On the 3-4th day inflamma-
tion abated and the secretion was checked. In-
vestigation of a smear culture taken from the
conjunctival sac established that I has a bac-
teriocidal effect on streptococcus and staphylo-

Card 1/2

MESROPYAN, Ye.I., dotsent; MURADYAN, S.M., vrach

Case of spontaneous healing of a large perforated corneal defect.
Oft. zhur. 16 no.3:188-190 '61. (MIRA 14:5)

1, Iz kliniki glaznykh bolezney (ispolnyayushchiy obvazannosti
zaveduyushchego - dotsent Ye.I.Mesropyan) Yerevanskogo meditsin-
skogo instituta. (CORNEA--WOUNDS AND INJURIES)

MESS, A.A.

Moth flies in the Northern Caucasus [with summary in English].
Zool.zhur. 36 no.3:457-459 Mr '57. (MLRA 10:5)

1. Pyatigorskaya malyariynaya stantsiya.
(Caucasus, Northern--Moth flies)

FILIPP, G.;SZENTIVANYI, A.;MESS, B.

Anaphylaxis and the nervous system. Acta med. hung. 3 no.2:163-173
1952. (CMLL 23:4)

1. Of the First Department of Medicine of Debrecen University and of
the Department of Anatomy of Pecs University.

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(CELL NUCLEUS size of thyroid cell, eff. of thyrotropin in rats)

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(OXYGEN, metab.

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(HYPOTHALAMUS, physiol.

eff. of cold on body temperature & Oxygen consumption in rats following bilateral hypothalamus lesions (Ger))

MESS B.
EXCERPTA MEDICA Sec 3 Vol 13/5 Endocrinology May 59

1028. CHANGES IN THE TSH CONTENT OF THE PITUITARY GLAND AFTER THYROIDECTOMY AND SIMULTANEOUS INDUCTION OF LESIONS OF THE NUCLEI HABENULAE IN RATS - Veränderungen des Gehaltes der Hypophyse an thyreotropen Hormon nach Thyreoidektomie und gleichzeitiger Läsion der Nuclei habenulae - *Mess B.* Anat. Inst., Univ. Pécs, Ungarn - ENDOKRINOLOGIE 1958, 35/5-6 (296-301) Graphs 1 Tables 1

In the first 2 days following thyroidectomy the TSH content of the pituitary gland decreases strongly, then it remains constant until about the 10th day and finally decreases again to the lowest point about the 20th day. When the nuclei habenulae are destroyed at the same time the reduction of the TSH content of the pituitary gland is retarded. By the 12th day the TSH content is not appreciably lower than in normal animals. This phenomenon as well as previous experimental data are regarded as an indication that the regulation of the TSH activity of the pituitary gland by the thyroxine level of the blood is at least partly influenced by a nervous mechanism, in which the nuclei habenulae play an important part.

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epithalamus, eff. of lesions on metab. & body temperature in rats, comparison with eff. of hypothalamic lesions (Ger))

(HYPOTHALAMUS, physiol.

eff. of lesions on metab. & body temperature in rats, comparison with eff. of epithalamic lesions (Ger))

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comparative eff. of epithalamic & hypothalamic lesions in rats (Ger))

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(THYROID GLAND chemistry)
(RADIOAUTOGRAPHY)

MESS, Bela, dr.; VARGA, Ferenc, dr.

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1977-1978 15 0 '61.

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HAMORI, J.; MESS, B.

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(SOMATOTROPIN) (EPIPHYSES) (BIOLOGICAL ASSAY)
(ANIMALS, NEWBORN)

H. S. F. STRAZNICKY, P. J. M. B.

The effect of TBE on the growth of *Staphylococcus aureus* in
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83-88 '64.

1. Department of Anatomy, University Medical School, Szeged, and
State Institute of Rheumatology and Balneology, Budapest.

L 15502-66

ACC NR: AT6007448

SOURCE CODE: HU/2505/65/026/00X/0050/0050

AUTHOR: Hajos, F.; Straznicky, K.; Moss, B.

ORG: Medical University of Pecs, Institute of Anatomy (Pecsi Orvostudományi Egyetem, Anatómiai Intézet)

TITLE: Effect of TSH on the ultrastructure of the thyroid gland of decapitated chick embryos / This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July 1964 /

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement, 1965, 50

TOPIC TAGS: hormone, endocrinology, animal physiology, thyroid gland

ABSTRACT: It has been shown in earlier electron microscopic studies that, at about the 11th day of incubation, a large quantity of ergastoplasm of the lamellar type develops in the thyroid gland of the chick embryo, in response to the TSH secretion which is starting at that time. This does not occur in decapitated embryos. In order to prove that TSH acts in a direct manner, 1 1/4 day old decapitated embryos were treated with TSH, in response to which ergastoplasm similar to the normal one developed, as in the case of decapitated, hypophysis-transplanted embryos of similar age. The developmental stages of the ergastoplasm have also

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L 15502-66

ACC NR: AT6007448

been investigated along with the study of the earliest manifestations of the TSH effect at different intervals following the administration of TSH. [SPS]

SUB CODE: 06 / SUBM DATE: none

Card 2/2

VARGA, F.; MESS, B.; FEKETE, M.

Causes of the low oxygen consumption in 1 to 7-day old premature.
Acta paediat. acad. sci. Hung. 6 no.3/4:324-327 1965.

1. Department of Paediatrics and Institute of Anatomy, University
Medical School, Pécs. Submitted April 3, 1965.

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On the thyrotrophic area of the anterior hypothalamus. Acta
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86665

P/045/60/019/006/003, 012
B011/B059

9.6150

AUTHORS: Messalski, J. and Turek, L.

TITLE: The Density Spectrum of the Electron-Photon Component
of Extensive Air Showers of Cosmic Radiation

PERIODICAL: Acta Physica Polonica, 1960, Vol. 19, No. 6, pp 637 -645

TEXT: The authors studied the constancy of the exponent of the density spectrum of the electron-photon component with varying absorber thickness in the case of extensive air showers. The presence of photons in extensive air showers is indicated by the transition effect of the photon-electron component in a Pb absorber. The theoretically predicted excess of photons over electrons and the theoretical transition curves for electrons and photons lead to the conclusion that the transition curve for the electron-photon component should exhibit a large maximum. Experiments, however, yielded a small maximum indicating that the photon-to-electron ratio was smaller than unity. In measuring this ratio, the authors came across the above problem. 48 Geiger-Müller counters were used in sets of six trays,

Card 1/2

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The Density Spectrum of the Electron-Photon P/045/60/019/006/003/012
Component of Extensive Air Showers of Cosmic B011/B059
Radiation

three of which were uncovered with the counters being 5 cm apart from one another. The remaining three were covered with Pb (5 cm) on the sides and below, and had a Pb layer of varying thickness (0 to 27 mm) on top. The uncovered trays, which yielded the exponent of the density spectrum of the electron component, served for a comparison with the results obtained from the covered trays. The exponent of the density spectrum turned out to be independent of the absorber thickness in the range considered. Professor Doctor M. Mięsiowicz and Docent Doctor A. Zawadzki are thanked for discussions, as well as their colleagues at the VI Laboratory of the Nuclear Research Institute, Cracow Department for their help. There are 5 figures and 10 references: 1 Soviet, 1 Danish, 3 Polish, 3 Italian, 3 Hungarian, and 1 US.

ASSOCIATION: Institute of Nuclear Research, VI. Laboratory, Cracow

SUBMITTED: February 10, 1960

Card 2/2

MEISEL', D.V.

Certain basic conditions of the Pavlovian physiologic theory. M.d.
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GINZBURG, Yelizaveta Yakovlevna; MESSEL', David Veniaminovich; NIKULIN,
M.G., redaktor; ROMANOVA, Z.A., tekhnicheskij redaktor.

[Physical therapy and physical prophylaxis of diseases in
children] Fizioterapiia i fizioprofilaktika detakikh boleznei.
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MESSEL', D.V. (Moscow)

Effect of an ultrahigh-frequency electric field on penicillin in
vitro. Vop.kur.fizioter. i lech.fiz. kul't no.3:64-65 J1-S '55.
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on penicillin in vitro)
(PENICILLIN,
eff. of electricity in vitro)

MESSEL', D.V. (Moskva)

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MESSAL', D.V. (Moskva)

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lech. fiz. kul't. 22 no.2:59-62 Mr-Apr '57. (MIRA 11:1)
(PHYSICAL THERAPY--HISTORY)

MESSEL', D.V. (Moskva)

Sensitivity of children to ultraviolet rays. Vop.kur.fizioter. i
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MESSEL', David Vep'yaminovich

[Errors in the methodology and technics of physical therapy]
Oshibki v metodike i tekhnike fizioterapii. Moskva, Medgiz,
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(PHYSICAL THERAPY)

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Med. sestra 18 no.5:34-40 My '59. (MIRA 12:7)
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MESSEL', D.V. (Moskva)

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(ULTRAVIOLET RAYS--THERAPEUTIC USE)

MESSEL', M.A. (Leningrad) kandidat meditsinskikh nauk.

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L. Zasluzhenny vrach RSFSR
(POISONING, therapy
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(FIRST AID,
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MESSEL, M.A.

MESSEL, M.A., kand.med.nauk, sasluzhenny vrach RSFSR (Leningrad)

Basic first aid measures and methods for preventing injuries caused
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MESSEL', M.A., kand.med.nauk

Letter to the editor, Sov.med. 22 no.4:156-157 Apr '58 (MIRA 11:7)
(POISONS)

BAZHENOVA, K.M., kand.med.nauk; GARVIN, L.I., dotsent; KALASHNIKOV, B.P.,
prof.; KARASIK, V.M., prof.; K'YANDSKIY, A.A., prof.; KRISHOVA, N.A.,
prof.; LOPOTKO, I.A., prof.; MASHLAKOVA, P.V., vrach; ~~MESSEL', M.A.,~~
kand.med.nauk; PUNIN, B.V., prof.; ROZHDESTVENSKIY, V.I., doktor med.
nauk; ROMANOVSKAYA, V.K., vrach; SOSNYAKOV, M.G., prof.; TUR, A.F.,
prof.; TUSHINSKIY, M.D., prof.; FILIPCHENKO, Ye.M., kand.med.nauk;
KHROMOV, B.M., prof.; TSURINOVA, Ye.G., doktor med.nauk; SHRAYBER, M.G.,
prof.; POLIKARPOV, S.N., dotsent; UDERMAN, Sh.I., dotsent, red.;
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[Physician's handbook on first aid and emergency care] Spravochnik
vracha skoroi i neotlozhnoi pomoshchi. Leningrad, Gos.izd-vo med.
lit-ry Medgiz, Leningr.otd-nie, 1960. 230 p. (MIRA 13:8)
(MEDICINE--HANDBOOKS, MANUALS, ETC.)

MESSEL', M.A., *saslushennyy vrach RSFSR, kand.med.nauk*

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1. *Is Leningradskoy stantsii skorey meditsinskoy pomoshchi (glavnyy vrach V.N.Golyakov).*

(FIRST AID IN ILLNESS AND INJURY)

MESEL', M.A., kand.med.nauk, zasluzhenny vrach RSFSR

Evaluation of operative indexes in first aid work. Sov.zdrav.
21 no.7:94-96 '62. (MIRA 15:8)
(FIRST AID IN ILLNESS AND INJURY)

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(FIRST AID IN ILLNESS AND INJURY)(HOSPITALS--OUTPATIENT SERVICES)

MESSEL', M., kand.med.nauk, zasluzhennyi vrach RSFSR

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MESSEL', M.A., zasluzhennyy vrach RSFSR, kand.med.nauk

Ways to raise the qualifications of first aid physicians. Zdrav.
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(FIRST AID IN ILLNESS AND INJURY) (PHYSICIANS—EDUCATION)

MESSEL, Yu.A.; DENISOVA, A.T.; MALYSHEV, A.I.

Lead storage battery. Patent U.S.S.R. 77,300, Dec. 31, 1949.
(CA 47 no.19:9827 '53)

MESSENEVA N. A.

MESSENEVA N. A.

Роль внутренних органов в регуляции коллоидно-осмотического давления в крови в норме и при острой кровопотере. /The role of internal organs in the regulation of colloid-osmotic pressure in normal states in acute blood loss/ Arkh. pat., Moskva 12:1 Jan-Feb 50 p.55-65.

Z. Of the Pathophysiological Laboratory (Head → Prof. N. A. Fedorov), Central Order of Lenin Institute of Hematology and Blood Transfusion (Director — Prof. A. A. Enginarov, Corresponding Member AMS USSR) of AMS USSR, Moscow.

MESSENER, A.M.

New magnetic device used as standard voltage measure for automatic
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(Potentiometer)

VOROSHILOV, Matislav Sergeyevich; BALMASOV, Yevgeniy Yakovlevich;
MESSERER, A.M., red.; SARMATSKAYA, G.I., red.izd-vs; KORMYUSHINA,
A.S., tekhn.red.

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lozno-bumazhnogo proizvodstva. Moskva, Goslesbumizdat, 1960.
470 p. (MIRA 13:11)

(Paper industry) (Automatic control)

TURCHENKO, P.I.; MESSERLE, P.Ye.; OSTAPCHENKO, A.V.

Heat processing and drying of coal. Koks i khim. no.16:7-
10 '61. (MIRA 15:2)

1. Kuznetskiy metallurgicheskiy kombinat.
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TURCHENKO, P.I.; MESSERLE, P.Ye.; OSTAPCHENKO, A.V.

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no.8:55-56 '62. (MIRA 17:2)

1. Kuznetskiy metallurgicheskiy kombinat.